



S/N 09/751,962

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CATCHESIDE	Examiner:	JEFFREY SIEW
Serial No.:	09/751,962	Group Art Unit:	1637
Filed:	DECEMBER 29, 2000	Docket No.:	10552.13USC1
Title:	REAGENTS AND METHODS FOR DIVERSIFICATION OF DNA		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on August 26, 2002.

Sheryl A. Boerboom
Sheryl A. Boerboom

AMENDMENT AND RESPONSE

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed March 25, 2002, Applicants respectfully request entry of the following amendments and consideration of the remarks below for the patent application identified above.

In the Claims

Please cancel claims 70-127 without prejudice. Please amend claims 1 and 34 as follows:

- al
1. (Amended) A haploid fungal cell comprising:
a recombinant genome, the recombinant genome comprising a heterologous DNA functionally coupled to an eukaryotic recombination hotspot;
the haploid fungal cell being capable of being converted to a diploid fungal cell;
the heterologous DNA being adapted and configured within the recombinant genome for recombination in the diploid fungal cell.